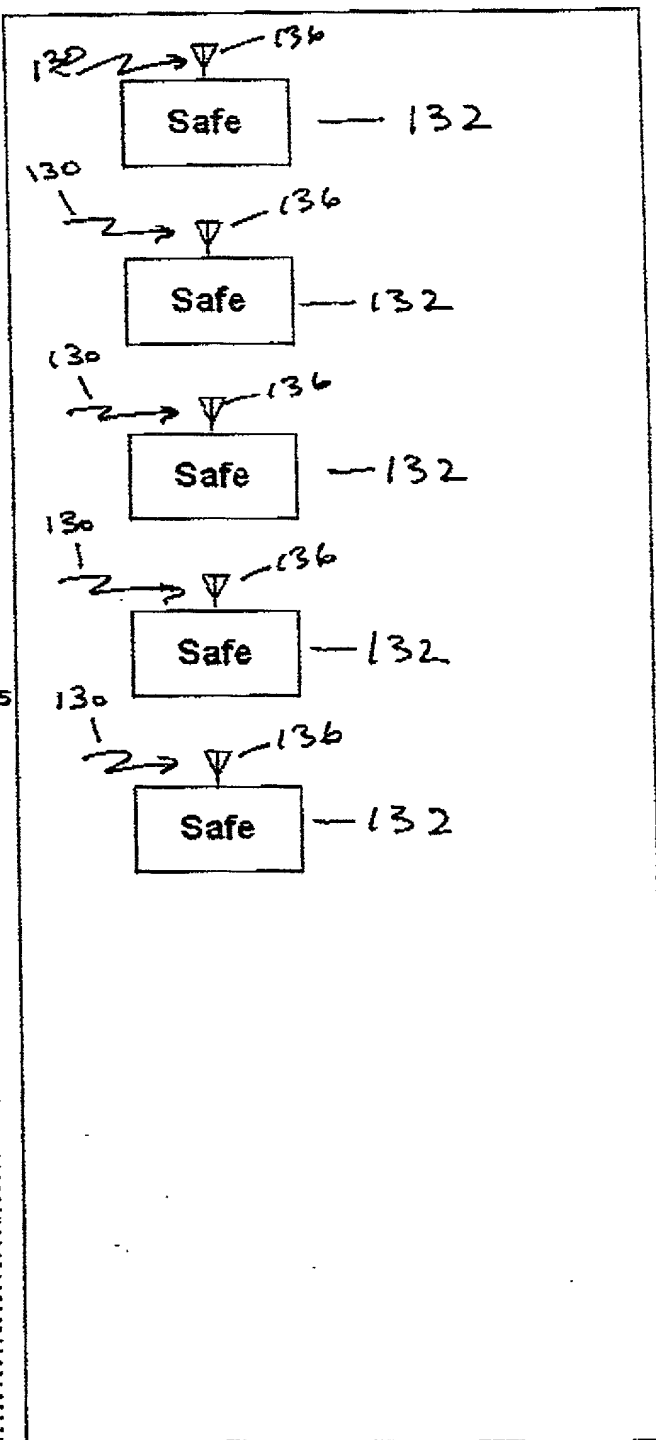
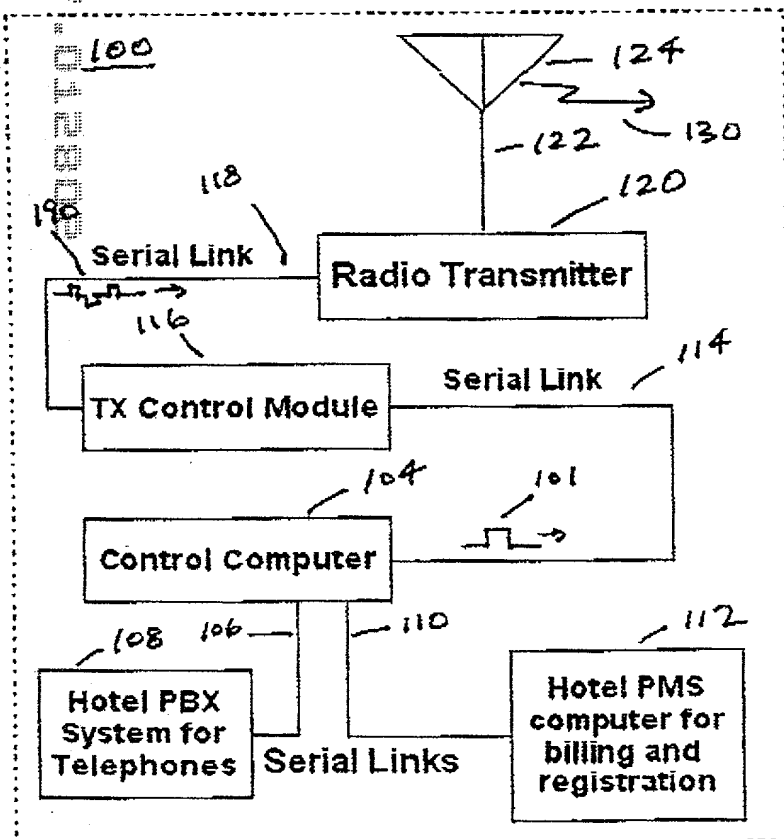


FIG. 1

Hotel with safes on each floor

Remote Control System to Activate Safe Operations



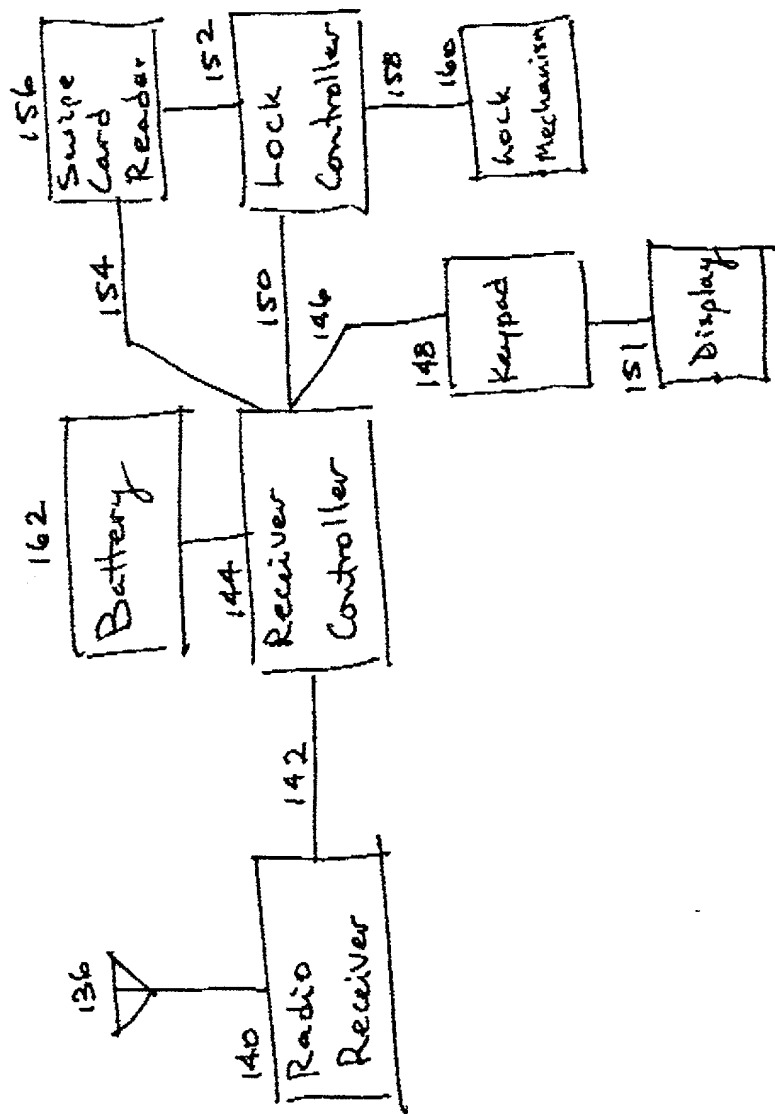
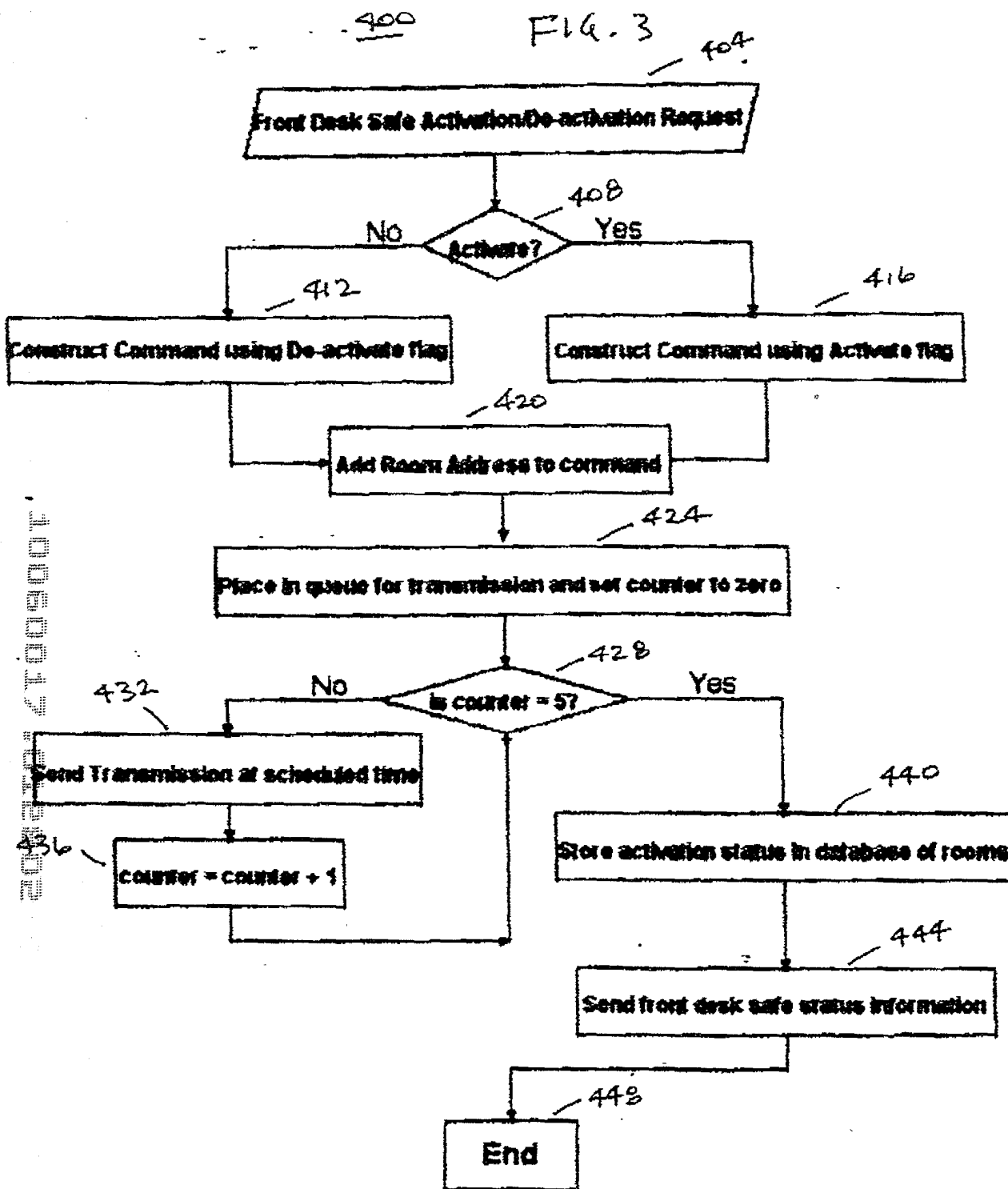
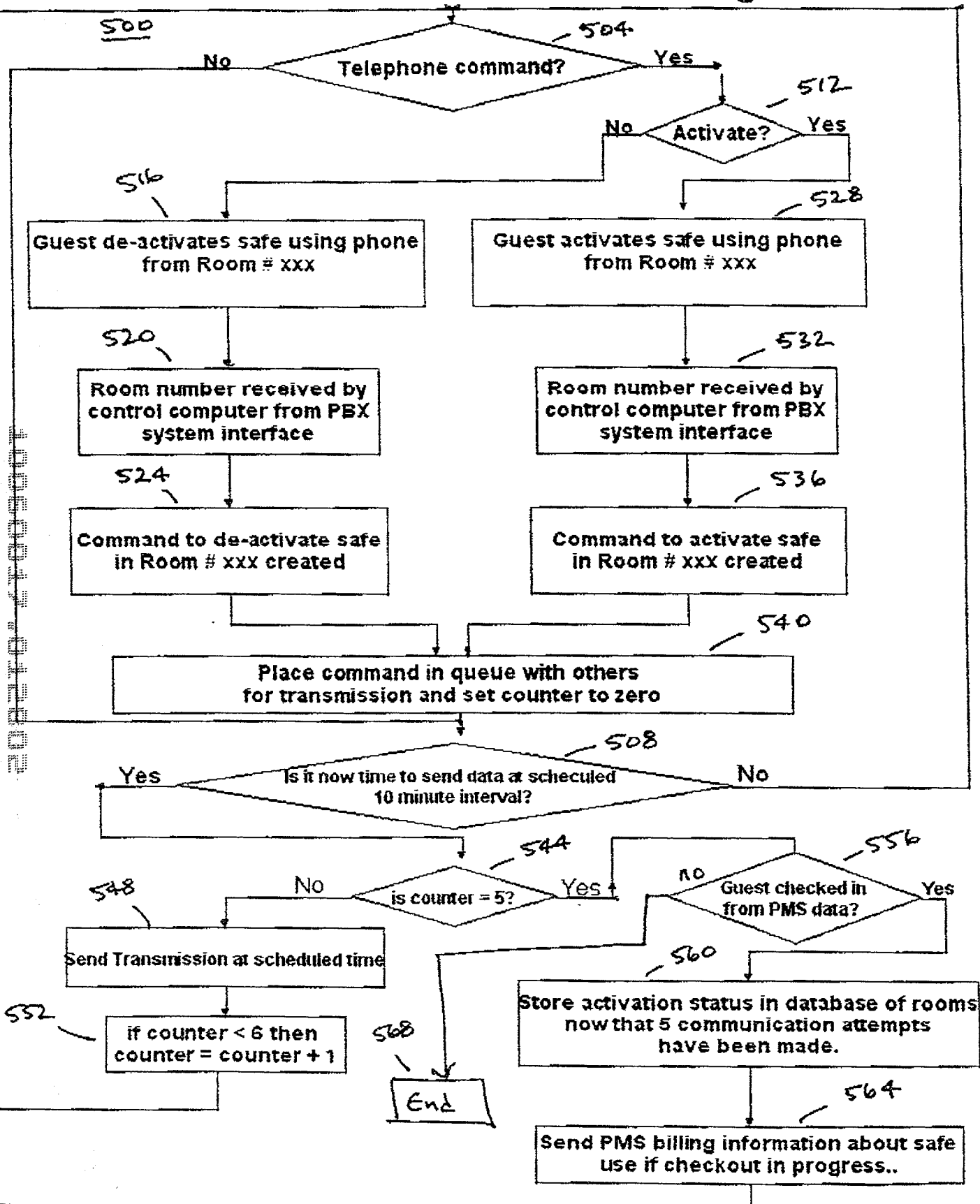


FIG. 2

FIG. 3



## Safe Activation Software Design



# Secure Automatic Opening of Safe Algorithm

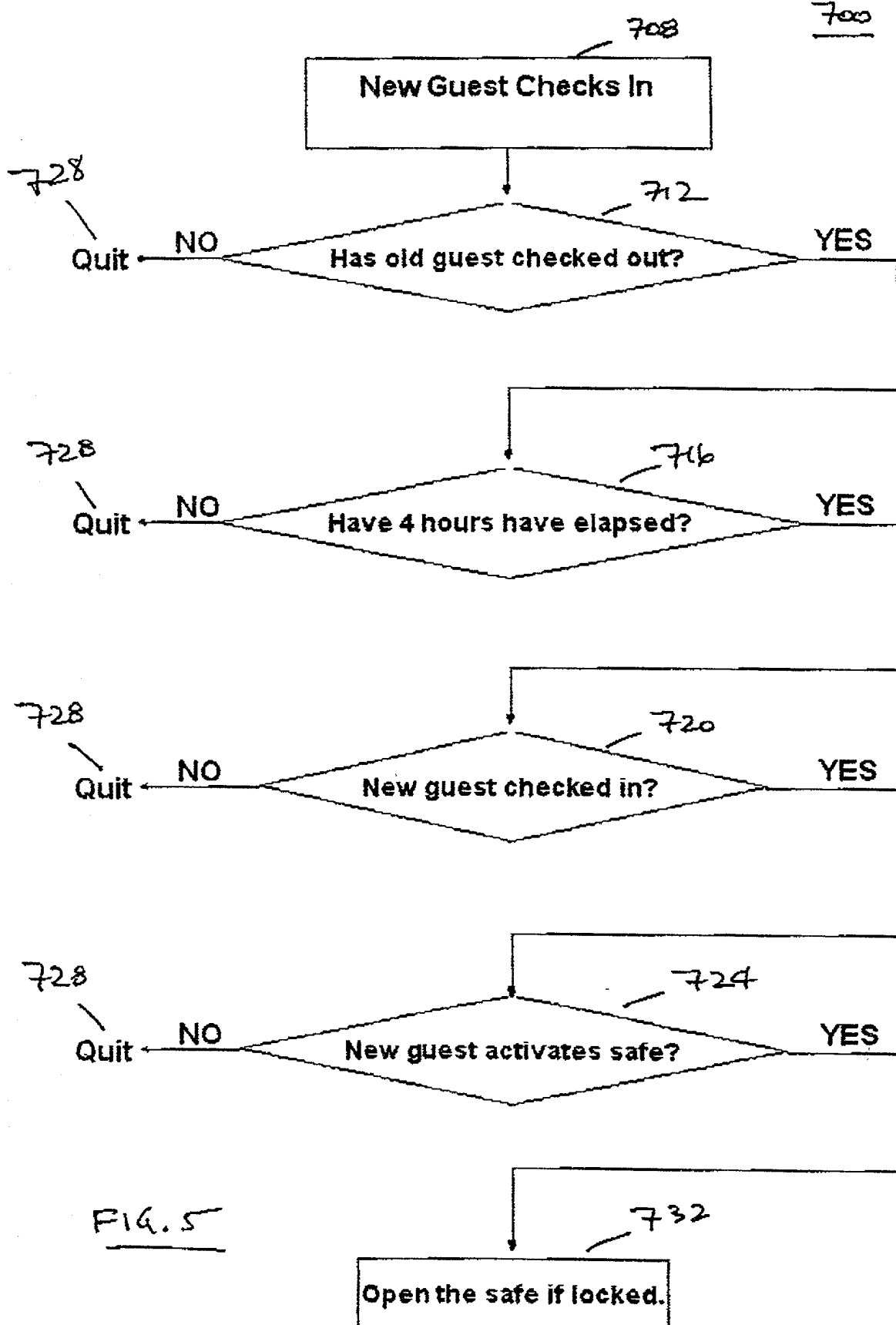


FIG. 5

10060017-012802

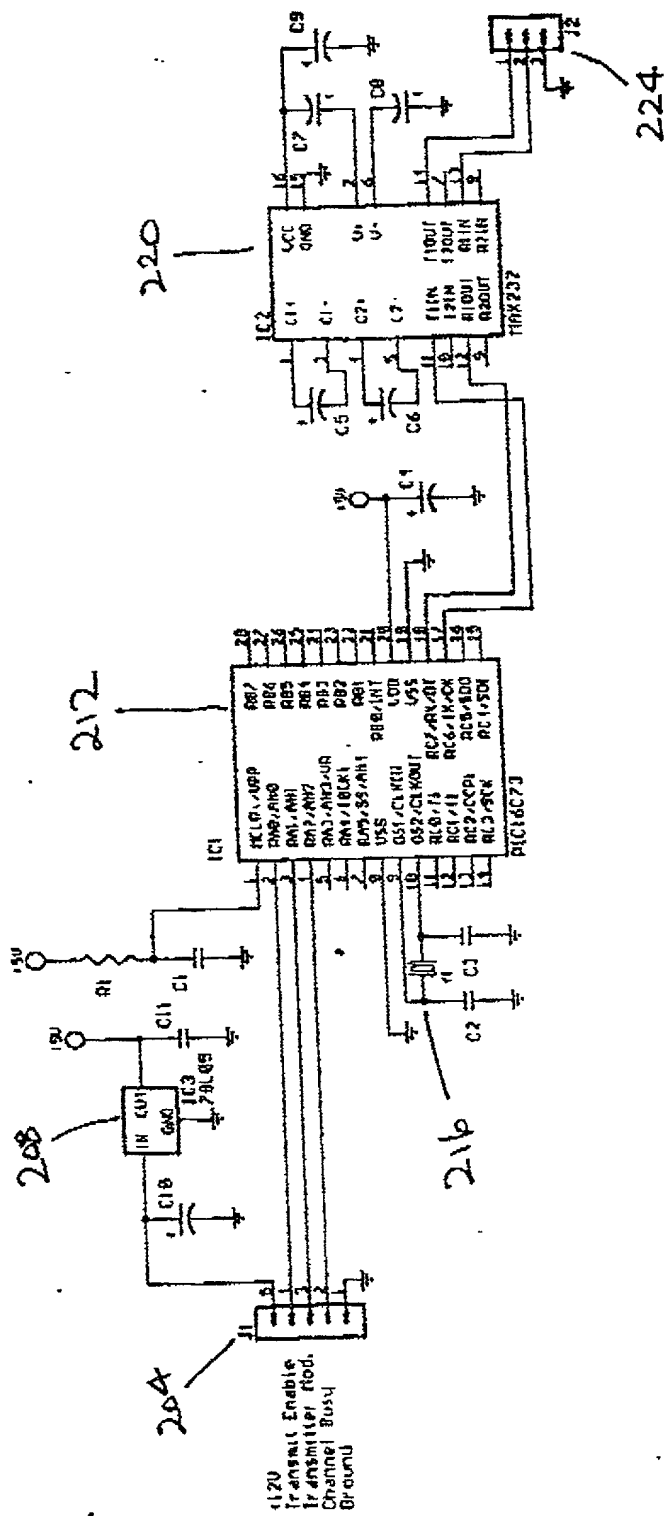


Fig. 6

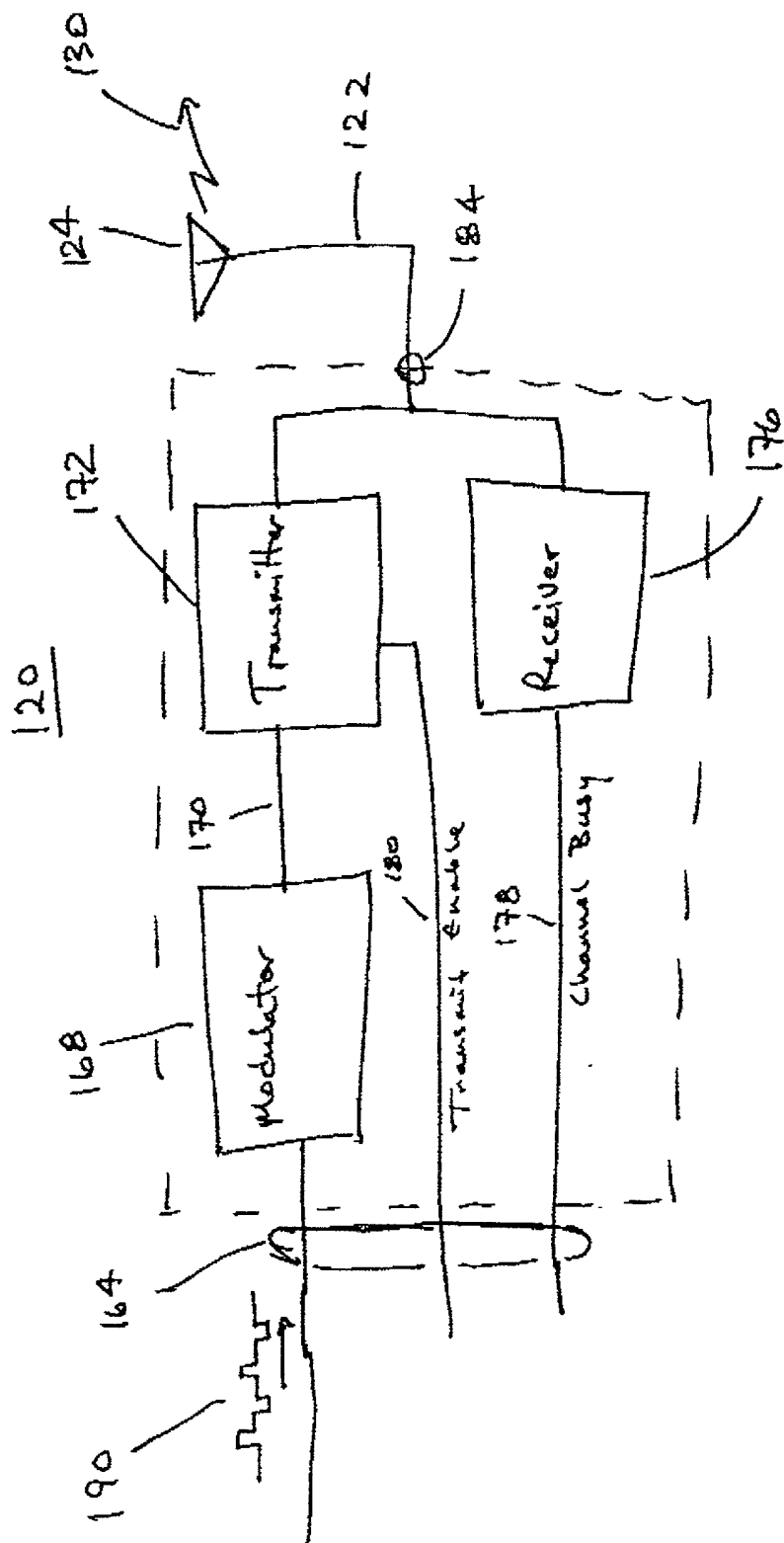
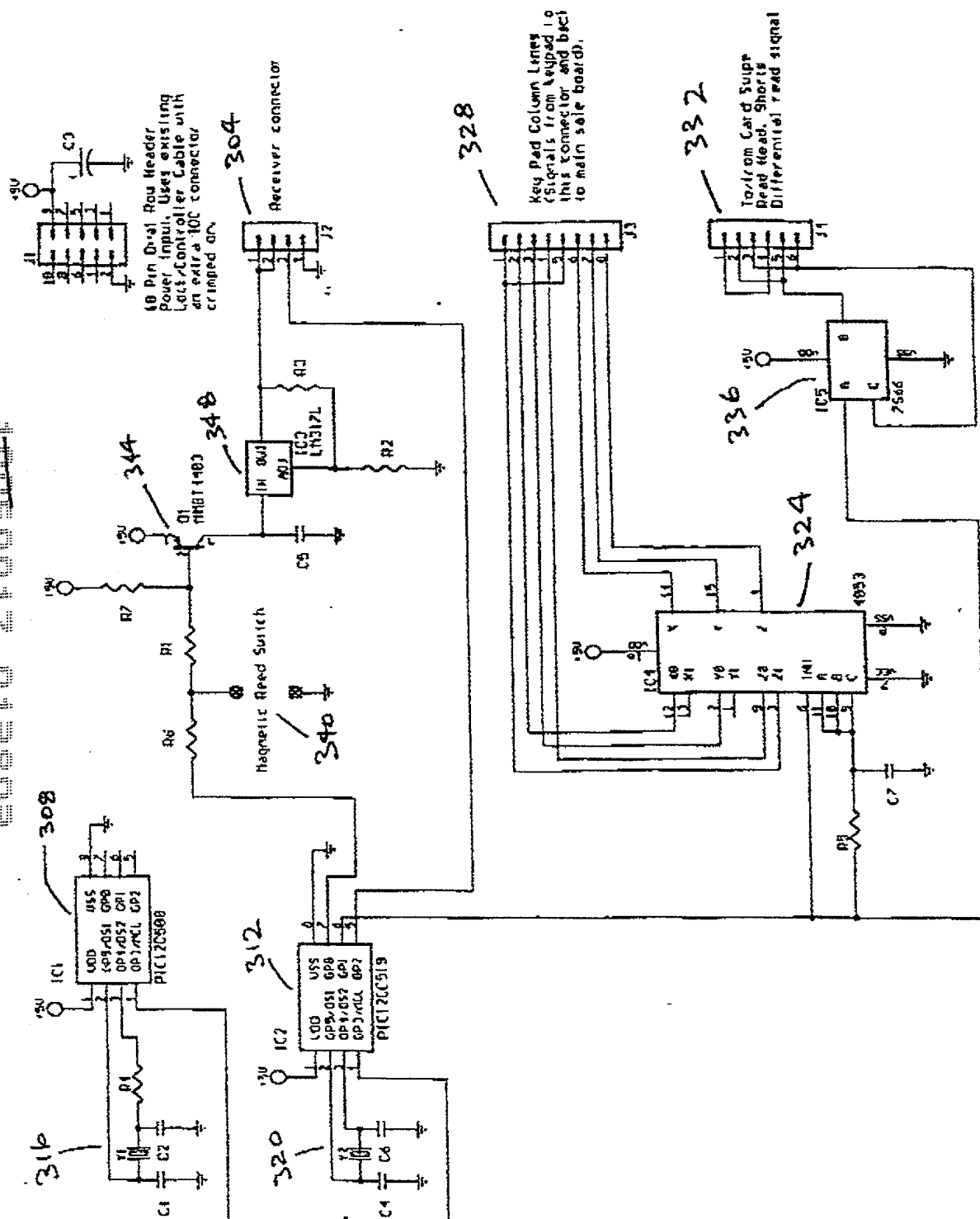


FIG. 7





# Receiver Firmware

800

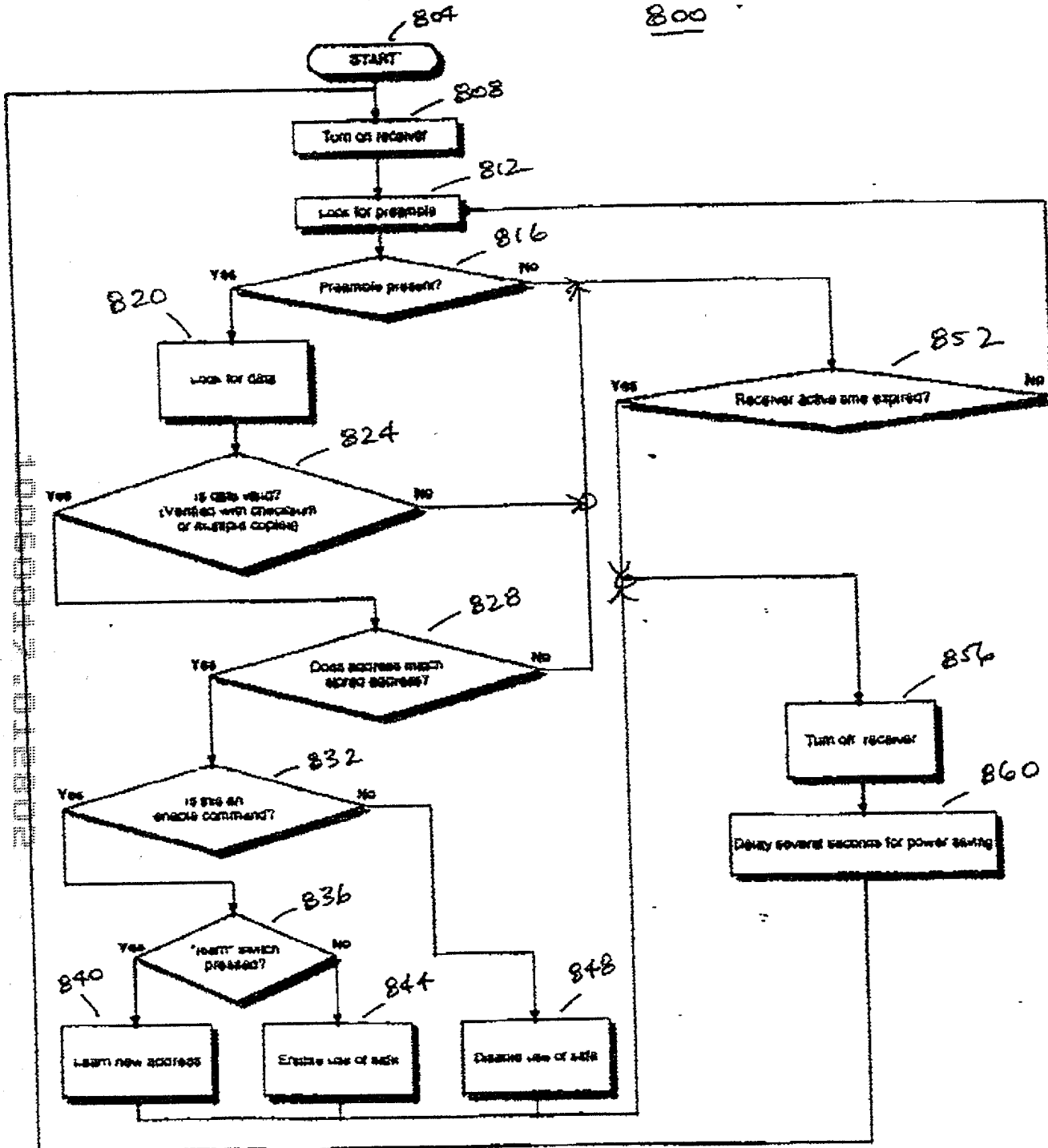


FIG. 9

# Full Building Scan Technique for Safe Battery Optimization

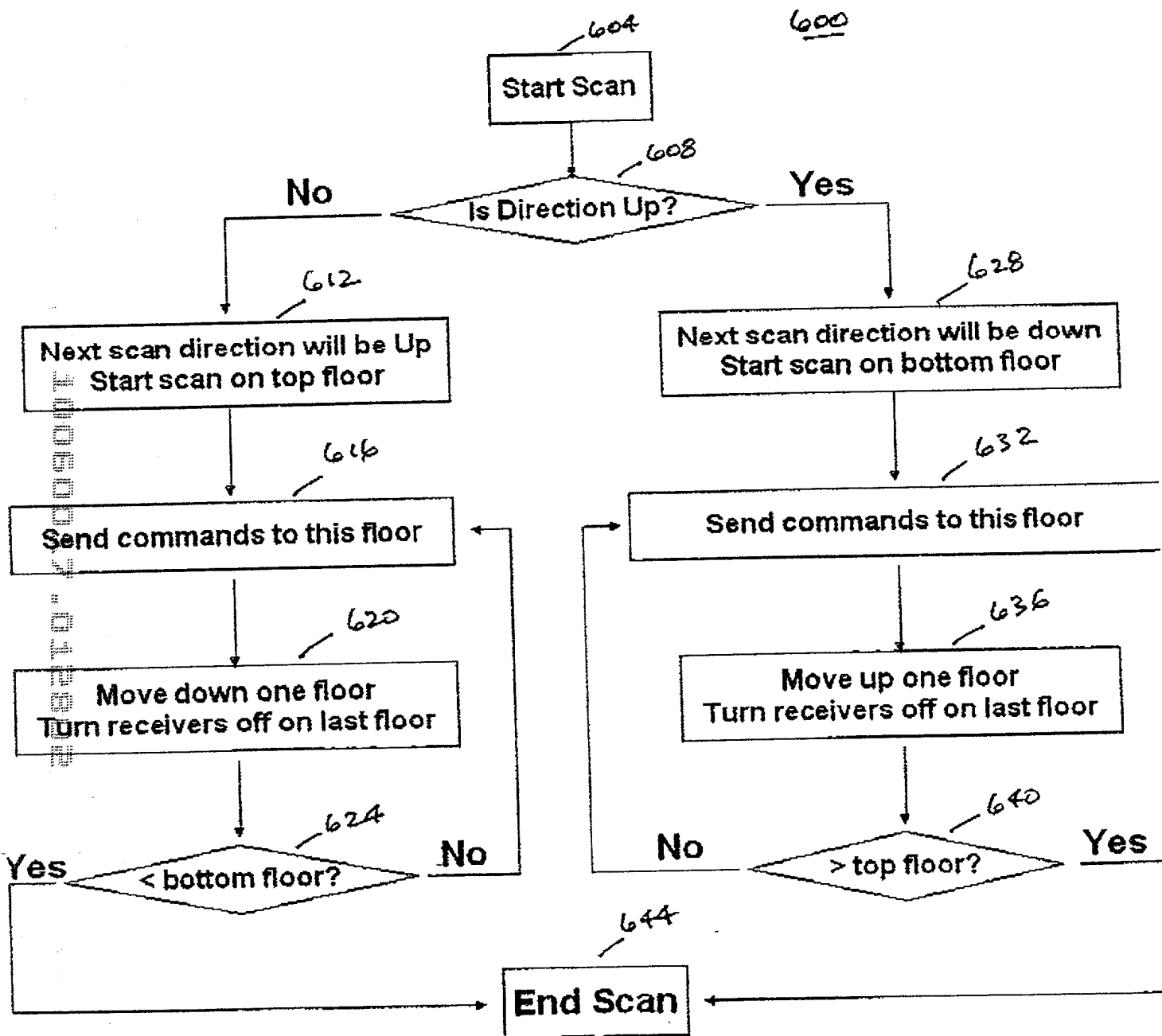


FIG. 10